

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
M122-2469SERIAL NO.
Filed HerewithLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Salman Akram et al.FILING DATE
Filed HerewithGROUP
UnknownO I P E J C 5 5
JUN 09 2005
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PA	AA	4,560,216	12/24/1985	Egawa			
	AB	4,754,555	7/5/1988	Stillman			
	AC	5,475,317	12/12/1995	Smith			
	AD	5,325,052	6/28/1994	Yamashita			
	AE	5,495,667	3/5/1996	Farnworth et al.			
	AF	5,378,311	1/3/1995	Nagayama et al.			
	AG	5,886,863	3/23/1999	Nagasaki et al.			
	AH	5,141,334	8/25/92	Castles			
	AI	5,406,109	4/11/95	Whitney			
	AJ	5,435,646	7/25/95	McArthur et al.			
	AK	5,446,437	8/29/95	Bantien et al.			
	AL	5,612,574	3/18/97	Summerfelt et al.			
	AM	5,831,333	11/03/98	Malladi et al.			
	AN	5,492,011	2/20/1996	Amano et al.			
	AO	5,557,215	9/17/1996	Saeki et al.			
	AP	5,708,250	1/13/1998	Benjamin et al.			
	AQ	5,670,066	9/23/1997	Barnes et al.			

EL979949672

FOREIGN PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

AR	Advertisement for Probe Technology from the Web Page of Interconnect Devices, Inc; 3/8/98, 1 page.
AS	Good Things Come In Small BGA/CSP Packages from Johnstech International, Corporation; Advertisement; 3/8/98 1 page.
AT	Product Description for Test Socket Contacts from the Web Page of Johnstech International, Corporation; www.johnstech.com ; 3/5/98; 1 page.

EXAMINER

John Akram

DATE CONSIDERED

9/19/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MI22-2469SERIAL NO.
Filed HerewithLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Salman Akram et al.FILING DATE
Filed HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclasses	Filing Date if Appropriate
PR	AA	6,377,060 B1	4/23/2002	Burkhart et al.			
	AB	4,912,600	3/27/1990	Jaeger et al.			
	AC	5,436,494	7/25/1995	Moslehi			
	AD	5,969,639	10/19/1999	Lauf et al.			
	AE	4,335,463	10/26/1982	Burns			
	AF	3,710,251	1/9/1973	Hagge et al.			
	AG	6,020,750	2/1/2000	Berger et al.			
	AH	6,004,471	12/21/1999	Chuang			
	AI	5,550,526	8/27/1996	Mottahed			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclasses	Translation	
							Yes	No
	AJ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

AK	Product Description for Double Ended Probes, B1052 Series, from the Web Page of Rika Denshi America, Inc.; www.testprobe.com ; 2/4/98, 1 page.
AL	Product Description for Test Centers, RM-500 Series Probes, from the Web Page of Rika Denshi America, Inc.; www.testprobes.com ; 2/4/98 1 page.
AM	Product Description for Cost Effective Interconnections for High I/O Products from the Web Page of Rika Denshi America, Inc.; www.testprobe.com ; 2/4/98 1 page.
AN	Product Description for Thermistors from Web Page of Therm-O-Disc, Inc., 2 pages.
AO	Product Description for RTD Sensors from Web Page of MTI Industrial Sensors, 3 pages.
AP	Temperature Metrology for CD Control in DUV Lithography, Jeffrey Parker and Wayne Renken, pp. 111-112, 114, 116, 09/17/97.
AQ	Product Description for RTD Modules from Web Page of Dataq Instruments, 2 pages.
AR	Product Description for RTD from Web Page of Minco Products Inc., 1 page (1996).
AS	Product Description for Ball Grid Probe B1303-C3 from the Web Page of Rika Denshi America, Inc.; www.testprobe.com ; 2/4/98 1 page
AT	P. Van Zant: "Microchip Fabrication;" (4th ed. 2000); pps 567-569.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
M122-2469SERIAL NO.
Filed HerewithLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Salman Akram et al.FILING DATE
Filed HerewithGROUP
Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclasses	Filing Date If Appropriate
PT	AA	4,703,555	11/3/1997	Hubner			
	AB	5,347,869	9/20/94	Shie et al.			
	AC	5,719,333	2/17/98	Hosoi et al.			
	AD	5,919,548	7/6/99	Barron et al.			
	AE	5,492,011	2/20/96	Amano et al.			
	AF	5,551,283	9/3/96	Manaka et al.			
	AG	3,440,407	4/22/69	Golstos et al.			
	AH	3,614,345	10/19/71	Quinn			
	AI	3,683,306	8/8/72	Bulthuis et al.			
	AJ	4,332,081	6/1/82	Francis			
	AK	4,518,944	5/21/85	Faris			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclasses	Translation	
							Yes	No
	AL	2336778	7/1977	France				
	AM	56-12521	2/1981	Japan				
	AN	2-268462	11/1990	Japan				
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

AR	"Silicon Processing for the VLSI Era", Vol. 1: Process Technology, 2 nd Edition, Stanley Wolf, Ph.D. & Richard N. Tauber Ph.D., Lattice Press
	2000, pgs. 22-34.
AS	Application Guide Temperature Sensors. Watlow Electrical Manufacturing Company Catalog, pp. 775-778, 1992/1993.
AT	In-Situ survey System of Resistive and Thermoelectric Properties of Either Pure or Mixed Materials in Thin Films Evaporated
	Under Ultra High Vacuum. Lechevallier, LeHuerou, Richon, Sarrau, & Gouault, J. Phys. III France, Vol. 5, pp. 409-418, 04/85 (Abstract only).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-2469		SERIAL NO. 10/773,383	
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; color: black; font-weight: bold;"> OIPE JC55 JUN 09 2005 PATENT & TRADEMARK OFFICE </div> </div> <div style="margin-top: 10px;"> LIST OF ART CITED BY APPLICANT (Use several sheets if necessary) </div>					APPLICANT Salman Akram et al.			
					FILING DATE February 6, 2004		GROUP 2811	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
PR	AA	5,964,395	10/12/1999	Glovatsky et al.				
	AB	5,645,764	7/8/1997	Angelopoulos et al.				
	AC	5,437,189	8/1/1995	Brown et al.				
	AD	5,703,287	12/1997	Treutler et al.				
	AE	5,945,834	8/1999	Nakata et al.				
	AF	5,478,242	12/1995	Walker et al.				
	AG	5,830,372	11/1998	Hierold				
	AH							
	AI							
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AL							
	AM							
	AN							
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>7/19/05</i>				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								